

CLAIMS

What is claimed is:

- 1 1. A system for providing notifications based on a plurality of resources,
2 comprising:
3 a first program that receives notification alerts from the plurality of
4 resources, generates notifications based on the notification alerts, and delivers the
5 notifications; and
6 a second program that receives and presents the notifications without
7 generating an interrupt and provides access to a designated resource.
- 1 2. The system of claim 1, wherein the second program presents the
2 notifications as interactive sprites.
- 1 3. The system of claim 1, wherein the notifications comprise dynamic data.
- 1 4. The system of claim 1, wherein the designated resource comprises a
2 program.
- 1 5. The system of claim 1, wherein the designated resource comprises a
2 program that generated the corresponding notification alert.

1 6. The system of claim 1, wherein the first program provides a centralized
2 interface for a resource generating a notification alert.

1 7. The system of claim 1, wherein the second program provides a single
2 presentation interface for a resource generating a notification alert.

1 8. The system of claim 1, wherein the second program provides a single input
2 interface to interact with a resource generating a notification alert.

1 9. The system of claim 1, wherein the second program provides receipt
2 confirmations for successfully delivered notifications.

1 10. The system of claim 1, wherein the notification alerts comprise notification
2 content and recipient identification.

1 11. The system of claim 1, wherein the notification alerts specify a notification
2 type for the notification.

1 12. The system of claim 11, wherein the notification type specifies at least one
2 of:
3 format;
4 priority level;
5 retry schedule;
6 escalation schedule.

1 13. The system of claim 12, wherein the format comprises at least one of:
2 graphics;
3 video;
4 audio;
5 text.

1 14. The system of claim 1, further comprising a user interface module that
2 allows a user to configure and customize the system.

1 15. The system of claim 1, further comprising a system reporting module that
2 monitors and reports system activities.

1 16. A system for providing notifications based on a plurality of resources,
2 comprising:

3 a server executing a first program for receiving notification alerts from the
4 plurality of resources, generating notifications based on the notification alerts, and
5 delivering the notifications; and

6 a client executing a second program and a third program, said second
7 program receiving and presenting the notifications without interfering with
8 execution of said third program, and providing access to a designated resource.

1 17. The system of claim 16, wherein the third program comprises a program
2 executing in the foreground of the client.

1 18. The system of claim 16, wherein the second program does not generate
2 interrupts in course of receiving and presenting the notifications.

1 19. The system of claim 16, wherein the second program presents the
2 notifications as interactive sprites.

1 20. The system of claim 16, wherein the notifications comprise dynamic data.

1 21. The system of claim 16, wherein the designated resource comprises a
2 program.

1 22. The system of claim 16, wherein the designated resource comprises a
2 program that generated the corresponding notification alert.

1 23. The system of claim 16, wherein the first program provides a centralized
2 interface for a resource generating a notification alert.

1 24. The system of claim 16, wherein the second program provides a single
2 presentation interface for a resource generating a notification alert.

1 25. The system of claim 16, wherein the second program provides a single
2 input interface to interact with a resource generating a notification alert.

1 26. The system of claim 16, wherein the second program provides receipt
2 confirmations for successfully delivered notifications.

1 27. The system of claim 16, wherein the notification alerts comprise
2 notification content and recipient identification.

1 28. The system of claim 16, wherein the notification alerts specify a notification
2 type for the notification.

1 29. The system of claim 28, wherein the notification type specifies at least one
2 of:

3 format;
4 priority level;
5 retry schedule;
6 escalation schedule.

1 30. The system of claim 29, wherein the format comprises at least one of:

2 graphics;
3 video;
4 audio;
5 text.

1 31. The system of claim 16, further comprising a user interface module that
2 allows a user to configure and customize the system.

1 32. The system of claim 16, further comprising a system reporting module that
monitors and reports system activities.

1 33. A system for providing interactive notifications based on a plurality of
2 resources, comprising:

3 a notification manager that generates notifications based on the notification
4 alerts received from the plurality of resources, and delivers the notifications;

5 a notification device; and

6 a client operatively coupled to the notification device that receives the
7 notifications and presents the notifications as interactive sprites on the notification
8 device.

1 34. The system of claim 33, wherein the interactive sprites comprise dynamic
2 data.

1 35. The system of claim 33, wherein the designated resource comprises a
2 program.

1 36. The system of claim 33, wherein the designated resource comprises a
2 program that generated the corresponding notification alert.

1 37. The system of claim 33, wherein the notification manager provides a
2 centralized interface for a resource generating a notification alert.

1 38. The system of claim 33, wherein the client provides a single presentation
2 interface for a resource generating a notification alert.

1 39. The system of claim 33, wherein the client provides a single input interface
2 to interact with a resource generating a notification alert.

1 40. The system of claim 33, wherein the client provides receipt confirmations
1 for successfully delivered interactive notifications.

1 41. The system of claim 33, wherein the notification alerts comprise
2 notification content and recipient identification.

1 42. The system of claim 33, wherein the notification alerts specify a notification
2 type for the interactive sprite.

1 43. The system of claim 32, wherein the notification type specifies at least one
2 of:
3 format;
4 priority level;
5 retry schedule;
6 escalation schedule.

1 44. The system of claim 43, wherein the format comprises at least one of:
2 graphics;
3 video;
4 audio;
5 text.

1 45. The system of claim 33, further comprising a user interface module that
2 allows a user to configure and customize the system.

1 46. The system of claim 33, further comprising a system reporting module that
2 monitors and reports system activities.

1 47. A method for providing interactive notifications, comprising the steps of:

- 2 (a) receiving notification alerts by operation of a plurality of resources;
- 3 (b) generating interactive notifications based upon content of the
- 4 notification alerts;
- 5 (c) presenting the interactive notifications through a client without
- 6 interfering with operation of the client; and
- 7 (d) providing access to a designated resource through the interactive
- 8 notifications.

1 48. The method of claim 47, wherein said step (c) includes presenting the

2 interactive notifications as interactive sprites.

1 49. The method of claim 47, wherein said step (c) includes presenting dynamic

2 data through the interactive notifications.

1 50. A computer readable medium storing a set of instructions which when

2 executed by a computer causes the computer to provide a system for providing

3 interactive notifications by performing the following steps:

- 4 (a) receiving event notification alerts by operation of a plurality of
- 5 resources;

6 (b) generating interactive notifications based upon content of the event
7 notification alerts;

8 (c) presenting the interactive notifications through a client without
9 interfering with operation of the client; and

10 (d) providing access to a designated resource through the interactive
11 notifications.

1 51. The computer readable medium of claim 50, further including instructions
2 to perform the following step:

3 presenting the interactive notifications as interactive sprites.

1 52. The computer readable medium of claim 50, further including instructions
2 to perform the following step:

3 presenting dynamic data through the interactive notifications.